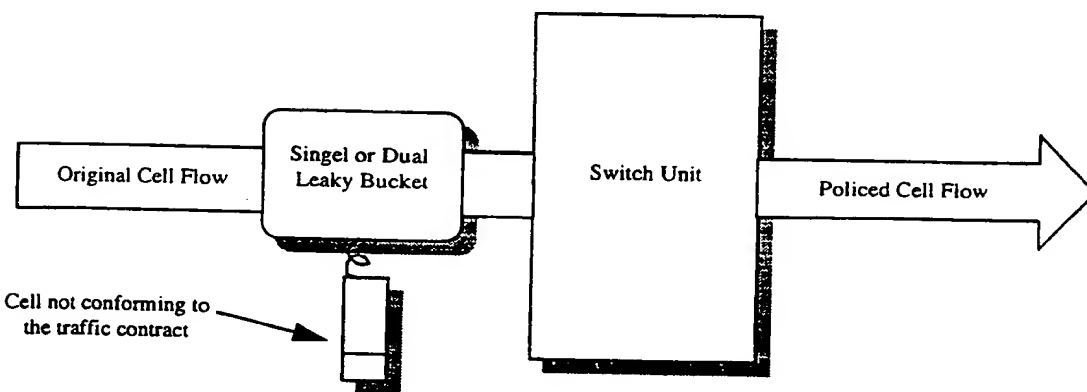


**Figure 1** A single Leaky Bucket. The bucket is filled according to the bit rate of the traffic sent by the user. It is emptied at fixed time intervals. The size of the bucket is dependent on i.e. the PCR and CDV.



**Figure 2** The leaky bucket (single or dual) is placed in front of the switching unit.

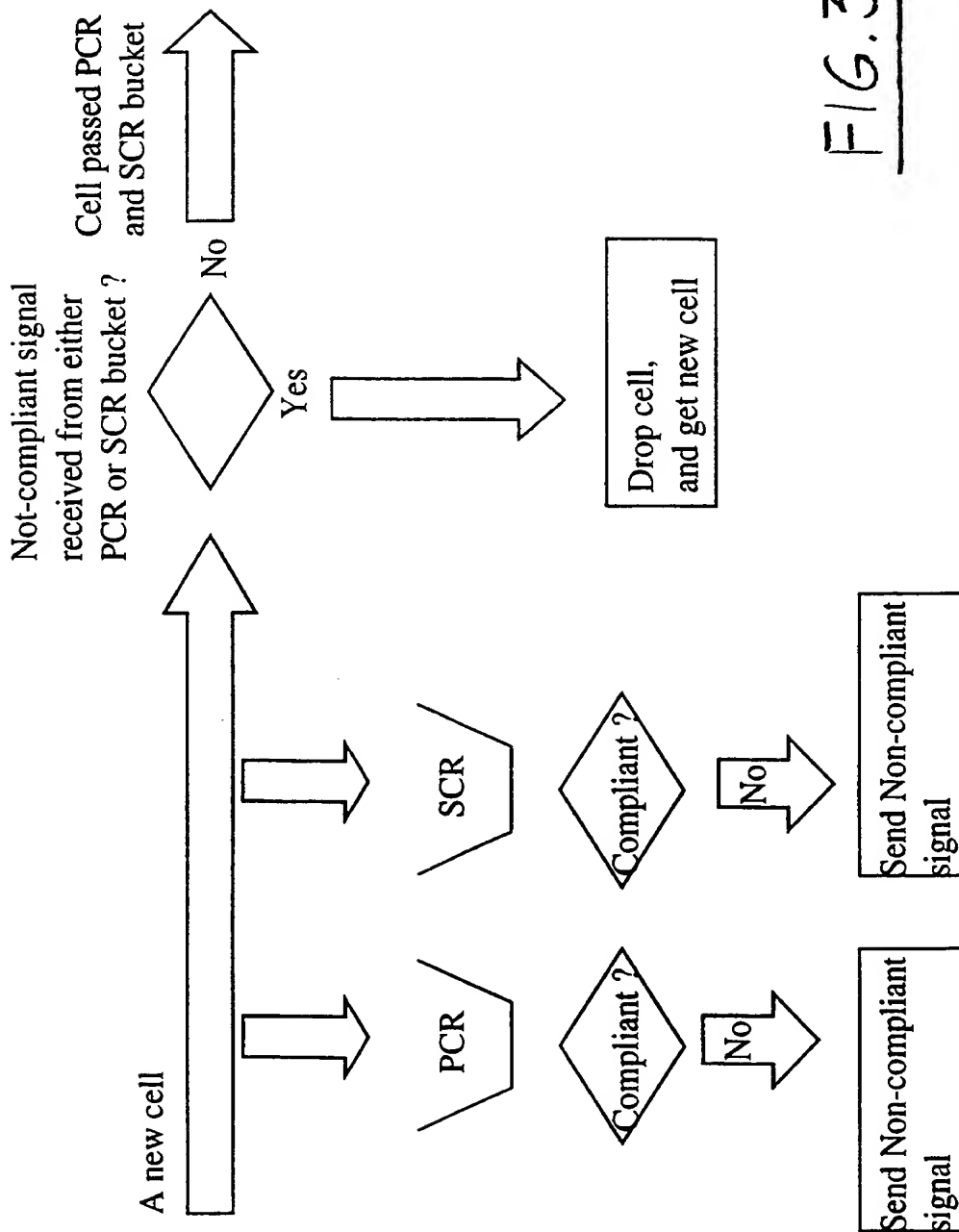


FIG. 3

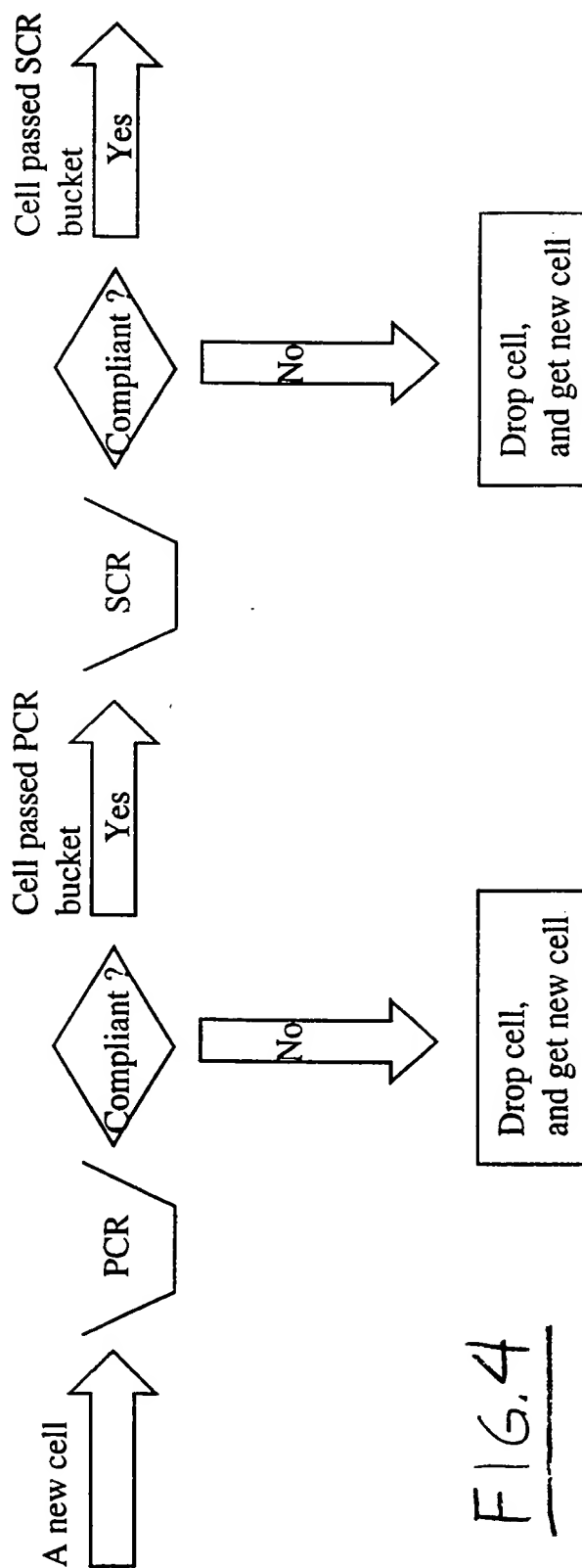
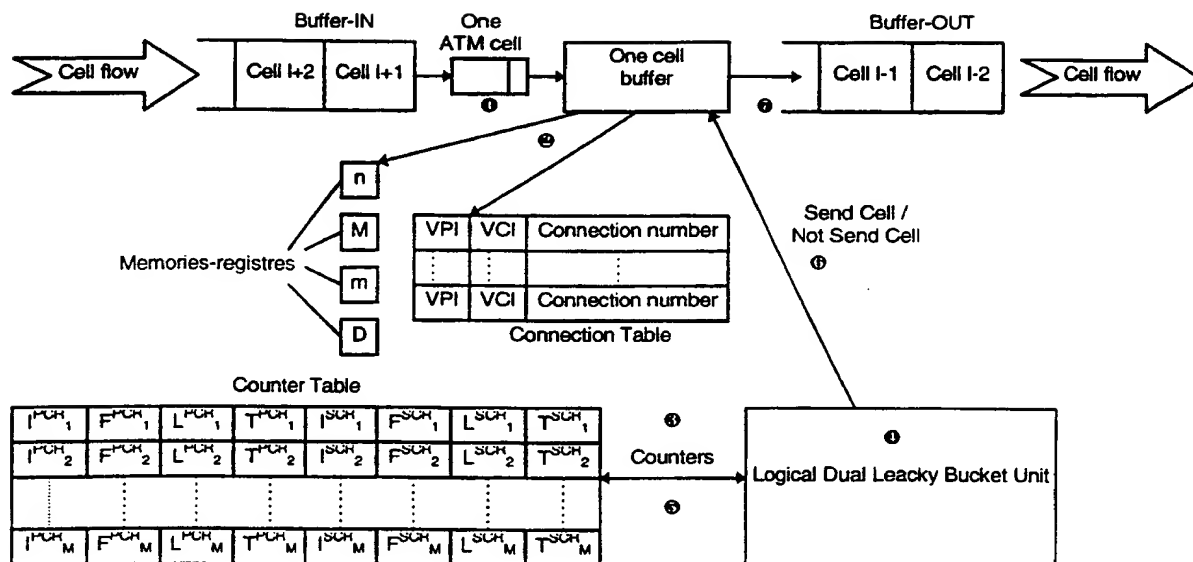
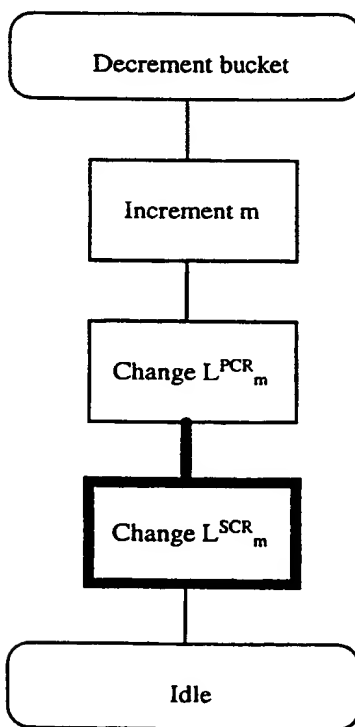


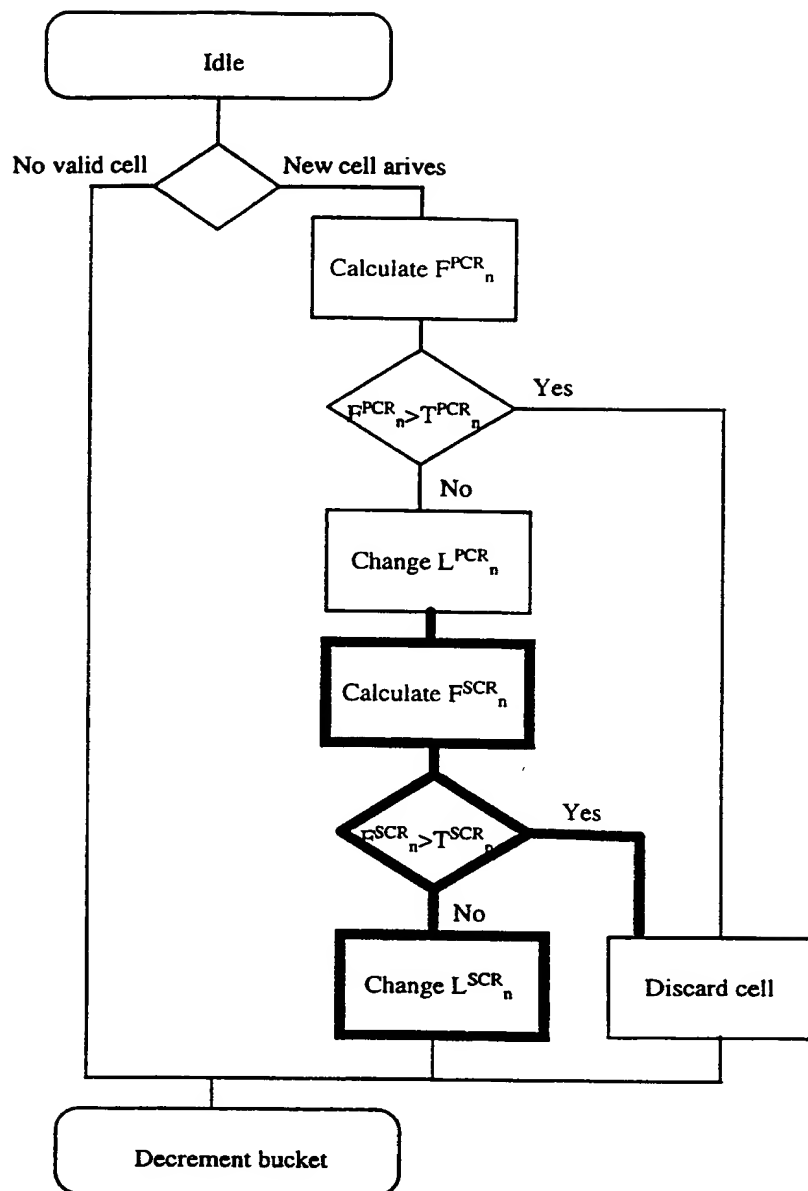
FIG. 4



**Figure 5** A Schematically shown device for carrying out the invention. This figure is the inside of a Dual Leaky Bucket Unit shown in figure 2.



**Figure 7** State diagram showing the actions taken in this invention to decrement the PCR and SCR bucket.



**Figure 6** State diagram showing the actions taken in this invention to increment the SCR and PCR buckets.